

**NONPROVISIONAL PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

OLIFF & BERRIDGE, PLC  
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Attorney Docket No.: 108342

Date: June 19, 2001

**BOX PATENT APPLICATION**

Customer Number: 25944

**NONPROVISIONAL APPLICATION TRANSMITTAL  
RULE §1.53(b)**

Director of the U.S. Patent and Trademark Office  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is the nonprovisional patent application

For (Title): METHODS AND SYSTEMS FOR INTERFACING WIRED/WIRELESS HYBRID  
SYSTEMS

By (Inventors): Thomas GRIFFITH, Stefen Van RAFELGHEM, Stephen RUSSELL and Ronald HIRSCH

- ☒ Formal drawings (Figs. 1-10; 10 sheets) are attached.  
☐ Use Figure \_\_\_\_\_ for front page of Publication.  
☒ A Declaration and Power of Attorney is filed herewith.  
☒ This patent application is assigned to AVTEC SYSTEMS, INC..  
☒ The executed Assignment is filed herewith.  
☐ An Information Disclosure Statement is filed herewith.  
☐ Entitlement to small entity status is hereby asserted.  
☐ A Preliminary Amendment is filed herewith.  
☒ Please amend the specification by inserting before the first line the sentence --This nonprovisional application claims the benefit of U.S. Provisional Application No. 60/231,412, filed September 8, 2000.--  
☐ Priority of foreign application(s) No. \_\_\_\_\_ filed \_\_\_\_\_ in \_\_\_\_\_ is claimed (35 U.S.C. §119).  
☐ A certified copy of the above corresponding foreign application(s) is filed herewith.  
☐ This application is NOT to be published under 35 U.S.C. 112(b). The undersigned attorney or agent hereby certifies that the invention disclosed in this application has not been and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.  
☒ The filing fee is calculated below:

**CLAIMS IN THE APPLICATION AFTER ENTRY OF  
ANY PRELIMINARY AMENDMENT NOTED ABOVE**

FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	39 - 20	= *19
INDEP CLAIMS	2 - 3	= *0
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED		

\* If the difference is less than zero, enter "0".

**SMALL ENTITY**

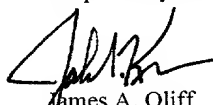
RATE	FEE
	\$ 355
x 9 =	\$
x 40 =	\$
+ 135 =	\$
<b>TOTAL</b>	<b>\$</b>

**OTHER THAN A  
SMALL ENTITY**

RATE	FEE
	\$ 710
x 18	\$ 342
x 80	\$ 0
+ 270	\$
<b>TOTAL</b>	<b>\$1,052</b>

- ☒ Check No. 119759 in the amount of \$1,052 to cover the filing fee is attached. Except as otherwise noted herein, the Director is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached.

Respectfully submitted,



James A. Oliff  
Registration No. 27,075

John S. Kern  
Registration No. 42,719



# AVTEC SYSTEMS

AVTEC SYSTEMS, INC. • 10530 ROSEHAVEN STREET • SUITE 300 • FAIRFAX, VIRGINIA 22030  
Telephone (703) 273-2211 • Fax (703) 273-1313

May 17, 2001

Mr. Stefan Van Rafelghem  
13562 Northbourne Drive  
Centreville, VA 20120-1787

RE: Patent Application# 60/231,412 & Docket Number 108342

Dear Stefan:

I hope that all is going well with you. I am writing in reference to your E-mail message of March 26, 2001, in which you indicated that you would like Avtec to take your name off the subject patent application that we are submitting. We have discussed this issue with our legal counsel and have been advised that the application must name all inventors. Accordingly, we cannot simply remove your name.

Because your name must be on the subject application, we would like you to review the application and other documents that we have given you and to execute them. As you know, by signing the standard Avtec Employee Confidentiality and Inventions Disclosure Agreement, you agreed to execute patent applications and other related legal documents and to assist us, at our request and expense, in any proper manner in obtaining and enforcing our patents. We expect you to honor your agreement.

We would like to file the subject patent application this month. Accordingly, we ask that you execute the application and related documents and returned the signed documents to us not later than May 26<sup>th</sup>. If you have any questions regarding any of the documents that we provided you, please do not hesitate to contact me, and I will get you answers.

While we trust that you will honor your commitments and execute the documents, if you still are unwilling to sign them, please indicate your decision by signing the enclosed copy of this letter and returning it to me so that we will have a written record that we can provide to the Patent and Trademark Office to explain why your signature does not appear on the application.

I have included a postage pre-paid envelope that you use can use to return the executed application or copy of this letter depending upon how you decide to proceed.

If you would like to discuss this matter, again please do not hesitate to contact me.

Sincerely,



Sally Bauer  
Director of Contracts

I elect not to execute Patent Application #60/231,412 Docket Number 108342: Methods and Systems for Interfacing Wired/Wireless Hybrid Systems entitled "Security Mechanisms to Avert Threats in Wireless Network Operations".

  
Stefan VanRafelghem

Date: 5/23/2001



**PATENT APPLICATION**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Thomas GRIFFITH et al.

Group Art Unit:

New U.S. Patent Application

Examiner:

Filed: June 19, 2001

Docket No.: 108342

For: METHODS AND SYSTEMS FOR INTERFACING WIRED/WIRELESS HYBRID  
SYSTEMS



**PETITION UNDER 37 C.F.R. § 1.47(A) FOR ACCEPTANCE OF  
APPLICATION WHERE AN INVENTOR HAS REFUSED TO SIGN**

Director of the U.S. Patent and Trademark Office  
Washington, D.C. 20231

Sir:

This petition is being submitted under 37 C.F.R. §1.47(a) because one of the inventors, Mr. Stefen Van Rafelghem, has refused to sign the Declaration for this application. In support of this petition, the U.S. Patent and Trademark Office is requested to consider the following information:

1. A Declaration of all the inventors except Mr. Van Rafelghem is attached.
2. Our Check No. 119677 in the amount of \$130 is attached for the petition fee.

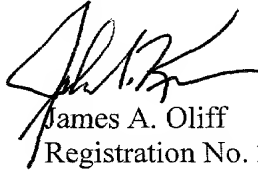
The U.S. Patent and Trademark Office is authorized to debit Deposit Account No. 15-0461 in the amount necessary to effect filing of this Petition. Two copies of this petition are enclosed.

3. A letter dated May 17, 2001, requesting that Mr. Stefen Van Rafelghem review the above-identified Patent Application and execute all related documents is attached. Further, the letter includes a statement signed by Mr. Stefen Van Rafelghem on May 23, 2001 stating that he elects not to execute the above-identified Patent Application.

4. The last known address of Mr. Van Rafelghem is: 13562 Northbourne Drive, Centerville, VA 20120-1787.

In view of the foregoing, it is respectfully submitted that a bona fide attempt has been made to have Mr. Van Rafelghem sign the application, but Mr. Van Rafelghem has refused to execute the application papers. Acceptance of this application under 37 C.F.R. §1.47(a) is respectfully requested.

Respectfully submitted,

  
James A. Oliff  
Registration No. 27,075

John S. Kern  
Registration No. 42,719

JAO:JSK/kap

Enclosures:

Declaration

May 17, 2001 letter to Mr. Van Rafelghem

Date: June 19, 2001

**OLIFF & BERRIDGE, PLC**  
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DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461
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